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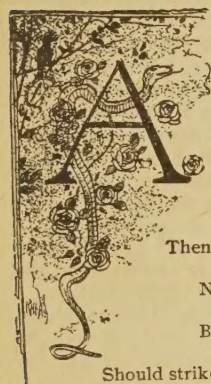


# VICK'S MAGAZINE.

Vol. 15.

ROCHESTER, N. Y., JUNE, 1892.

No. 8.



## Sorcery.

ROSE on the spray where a  
brown bird sang,  
Looked down, with a  
blush on her lovely  
face,  
And saw, lying coiled  
in the fragrant place,  
A green little snake with a  
forked fang.

Then swift from her cheek fled  
the crimson blush;  
No longer she dreamed of the  
bird's sweet song;  
But trembled with fear, lest  
the poisoned prong  
Should strike and the lyric forever hush.

And lo, when the serpent had slipped away,  
And, vanished, the bird, in the blue above,  
Two maids in the morning of new-found love  
Bent over the bloom on the slender spray:

And one in her heart felt a strange delight,—  
*A thought of the bird made the rose blush red!*  
And one in her heart felt an untold dread,—  
*A thought of the snake made the rose blanch white!*  
FRANK DEMSTER SHERMAN.

"Travelers' Record."

## Exposure for a Rose Bed.

A friend inquires what is the best exposure for a rose bed. We would say that any exposure is good enough, the main point being to have the soil in proper condition, which is that it shall have good drainage and be well enriched. On a level surface, especially, must the drainage be well attended to, but this is scarcely less necessary on hillsides even of considerable declivity, if the soil is heavy. A slope to the east, or the north, we think most desirable for roses, for the reason that the blooms will last longer, and there is less danger from severe freezing in winter. A southern exposure might give a little earlier bloom but it would be of shorter duration and the danger of injury in winter is greater, and the same is true of a western exposure. But if circumstances should decide any one of these exposures it should not exclude the pleasure of a rose bed. Experiences might vary with the different exposures, and varieties which might succeed with one might not be so well adapted to another, but this is true in regard to all locations. The rose is so beautiful and desirable, and with moderate attention will bloom so generously, that it should be universally planted, and that not sparingly.

## All in One Rose.

Florists are not without their trials and tribulations. An old German florist, relating his tribulations, said: "I have so much trouble with the ladies when they come to buy mine rose. They all want him hardy; they want him dooble; they want him nice gooler; they want him nice shape; they want him fragrant; they want him moondly; they want him everydings in one rose. Now, I have to say to dem ladies, though not what you call an ungallant man, I says that I sees not that lady that is rich, that is young, that is good demper, that is beautiful, that is healdy, that is smart, that is everydings in one lady; I see her not mooch."

Sometimes find out how the boys and girls would do a piece of work. If they have an improved plan give them credit for it.

The guelder rose  
In a great stillness dropped  
And ever dropped  
Her wealth about her feet.  
—Jean Ingelow.

Von rose-bud in the morning  
dew,  
How pure among the leaves  
so green!  
—Robert Burns.

## To the White Rose.

Rose of the desert thou art  
to me  
An emblem of stainless pu-  
rity,—  
Of those who, keeping their  
garments white,  
Walk on through life with  
steps aright.  
—David Macbeth Moir.

## The Influence of a White Rose.

The far-reaching influence of a little act of kindness, accompanied by "just a white rose," is beautifully shown in the following story told in *The Silver Cross*. Kindness and sympathy are rarely wasted on the unfortunate:

A wealthy lady, young and beautiful, who had lately experienced genuine conversion, was so overflowing with love for the Saviour that she was drawn to visit those who were in prison. One day, before starting on this errand of mercy, she went to her conservatory and her gardener gathered her up a large box of flowers and was about to tie it up for her when she noticed a perfect white rose untouched, and asked that it be added.

"Oh, no!" he said, "please keep that for yourself to wear tonight."

"I need it more just now," she said, and took it with her on her journey.

Reaching the prison she commenced her rounds among the women's wards, giving a few blossoms to each inmate, with a leaflet, a text, or a message of sympathy and Christian hope.

"Have I seen all the prisoners here?" she asked the jailer.

"No; there is one whom you cannot visit, her language is so wicked it would scorch your ears to hear it."

"She is the one who most needs me," she answered. "I have one flower, the choicest of all I brought; can you not take me to her?"

Then when they confronted each other on either side of the grated door, the visitor was greeted with curses, and the only reply she gave was the beautiful white rose, which was left in the woman's cell. As she turned away she heard one heart-breaking cry, and the voice that had breathed imprecation moaned over and over again the one word, "Mother! mother! mother!"

The next week she came again. The jailer met her, saying: "That woman whom you saw last is asking for you constantly; I never saw a woman so changed."

Soon the two were alone in the cell, and the penitent, her head resting on the shoulder of her new found friend, told, with sobs, her sad story—

"That white rose was just like one which grew by our door at home in Scotland, my mother's favorite flower. She was a good woman; my father's character was stainless, but I

broke their hearts by my wicked ways, then drifted to America, where I have lived a wicked life; is there any hope for me?"

And so the dawning of a better day came, as the two "reasoned together."

Many visits the lady made in that narrow room, until she seemed an angel of light to its inmate. When the time came for the woman's release, the love of Christ constraining her, she went out into the world to devote her life to the saving of such as she had been.

## An Old Pear Tree.

Passengers to Lawrence via the Essex branch of the eastern division of the Boston and Maine railroad, may see, in passing the high bridge approaching Davenport, a wonderful instance of the vitality of the pear tree by glancing down into the little hollow on the left. It was planted by Gov. John Endicott, the first head of the Massachusetts Bay Colony, in 1630, and stands on the once famous colonial "Orchard Farm," within sixty rods, bearing southeast, of the sturdy Governor's mansion. The old tree, a mere shell, with apparently all its inner integuments gone, nothing but the outer bark remaining, and the substance of that split in twain, still stands, and renews again its vernal beauty in a wonderful display of blossoms. But though its blossoms are fair, its fruit is said to be gnarly and bitter. The tree appears to give promise of rounding out three centuries of life.—*New England Farmer*.

The average girth of trees in Britain is not more than twelve feet, nor the average height above sixty feet. But in New Zealand there are miles of kauris whose average height is not less than 100 feet and whose girth is not less than thirty feet. The largest kauri yet discovered was seventy feet in girth, and the trunk was 200 feet high.

One of the largest camelia plants ever known is now growing in a nursery near Birmingham, England. It quite fills a large greenhouse. Some 2000 buds have been trimmed from the tree, and it still has 6000.



### "Now I Lay Me Down to Sleep."

The fire upon the hearth is low,  
And there is stillness everywhere;  
Like troubled spirits, here and there  
The firelight shadows fluttering go.  
And, as the shadows round me creep,  
A childish treble breaks the gloom,  
And softly from the further room  
Comes: "Now I lay me down to sleep."  
And, somehow, with that little prayer,  
And that sweet treble in my ears,  
My thought goes back to distant years,  
And lingers with a dear one there.  
And, as I hear the child's amen,  
My mother's faith comes back to me;  
Crouched at her side I seem to be,  
And mother holds my hands again.  
Oh, for an hour in that dear place!  
Oh, for the peace of that dear time!  
Oh, for that childish trust sublime!  
Oh, for a glimpse of mother's face!  
Yet, as the shadows round me creep,  
I do not seem to be alone—  
Sweet magic of that treble tone—  
And "Now I lay me down to sleep."

—*Engene Field in Chicago News*

### A Rose Mosaic.

April has gone with her violets, May with her buttercups, and now comes June, to receive the south wind's greeting.

"To triumph! proudly dost thou tread  
With thy soft 'green-shod feet upon the earth—  
The low adoring Earth—superbly robed,  
June the magnificent!"

Roses bloom everywhere, recalling how Sappho sang on Grecian isles the immortal story

"For the rose, oh, the rose, is the eye of the flowers,  
Is the blush of the meadows that feel themselves fair,  
Is the lightning of beauty that strikes through the bowers  
On pale lovers that sit in the glow unaware."

In ancient fable we are told that a thorn pressed the foot of Venus, and drew blood,

"Which on the white rose being shed  
Made it forever after red."

A modern poet thus beautifully traces its origin to another source:

"As erst in Eden's blissful bowers,  
Young Eve surveyed her countless flowers,  
An opening rose of purest white  
She marked with eyes that beamed delight;  
Its leaves she kissed, and straight it drew  
From beauty's lip the vermeil hue."

In the almost forgotten "War of the Roses" there were dismissed

—"between the red rose and the white  
A thousand souls to death and deadly night."

But out of that fearful carnage blossomed a rhyme in whose sweetness love tried to be diplomatic and give no offense to either side. It is as follows:

"If this fair rose offend thy sight,  
Placed in thy bosom bare,  
'Twill blush to find itself less white,  
And turn Lancastrian there.  
But if thy ruby lip it spy,  
As kiss it thou may'st deign,  
With envy pale 'twill lose its dye,  
And Yorkish turn again."

Southey's poem, "The Miracle of the Roses," tells how an innocent maid, through a foul slander, was condemned to be burned at the stake, and was bound to it for that purpose. The flames darted at and blasted her accuser, while the stake

"Branches and buds, and spreading out green leaves,  
Embowers and canopies the innocent maid,  
Who there stands glorified."

And roses then

"First seen on earth since Paradise was lost,  
Profusely blossom round her, white and red."

Bayard Taylor tells us of the quest of the poet of the East:

"And half in shade, and half in sun,  
The rose sat in her bower,  
With a passionate thrill in her crimson heart  
She had waited for the hour,  
And like a bride's the poet kissed,  
The lips of the glorious flower."

While Tennyson voices the English rose thus:

"She is coming, my dove, my dear!  
She is coming, my life, my fate!"  
The red rose cries "She is near, she is near,"  
And the white rose weeps "She is late."

Pliny alludes to the lily as

"Next in nobility to the rose."

And among the ancients the newly wedded were crowned with a chaplet of red and white roses because the rose ranked as Queen of Flowers, and was sacred to Venus, representing beauty and love.

In the spicy dusk of the moon-lit June night we of the present day may inhale odors so sweet that they seem to murmur—

"Thou Primal Love, who grantest wings  
And voices to the woodland birds,  
Grant us the power of saying things  
Too simple and too sweet for words."

While it will require no vivid imagination to endow the rose with some such speech as this, in the dew of the early morning:

"O, the golden World!  
The stir of life on every blade of grass,  
The motion and the joy in every bough,  
The glad feast everywhere for things that love  
The sunshine, and for things that love the shade."  
L. G. PATTERSON.

### Window Garden, Lawn and Border.

The first week in June should find everything in the greenhouse or conservatory properly arranged for the summer, and all flower beds and borders properly filled with their summer occupants. To assist nature in bringing our plants to their highest perfection should ever be our object; so, it is advisable to carefully examine all beds and borders, at least once a week, and remove all dead and decaying flowers and foliage, at the same time pinching back all shoots that show a tendency to grow out of shape. If insects are noticed the proper remedies should be promptly applied. Water should be given whenever necessary; do not be content with giving a mere sprinkling but apply enough to saturate the entire mass of earth around the plants. Let the operation be performed as late in the afternoon as possible and the next day stir the soil around the plants slightly, so as to prevent a crust from forming.

A little attention should be given to vines and climbers, and their young shoots should be so placed as to cover the desired space properly from the start, affording them the necessary support as may be required.

The strong, rank-growing shoots of many shrubs that are apt to grow out of shape should be pinched back occasionally to secure compact handsome specimens.

The lawn should be mown as often as a little growth of grass is made, once in ten days, or oftener if the season proves wet and the grass makes a rapid growth. Clip the edgings of grass borders occasionally, and allow no weeds to grow in either the walks or beds. Maintain neatness in all parts of the grounds.

Plants that are being grown for winter blooming require very close attention; keep them well supplied with water, and nip back their leading shoots freely, so as to insure compact specimens. A little neglect at any time means the ruin of many a valuable plant.

Hanging baskets and vases will require an abundant supply of water from this time on. In watering them see that it is done thoroughly, and apply weak liquid manure at least once a week.

In the conservatory or greenhouse water should be used freely, so as to keep the red spider in subjection. Syringe the plants gently every other evening in clear weather and give liquid manure once a week to all plants that are in bloom or rapid growth. Where large specimen plants are desired they should be repotted as often as necessary until the desired size is obtained.

Camellias have now formed their buds for next winter's blooming, and any improper treatment after this time will cause them to drop their buds before opening. Water should be given as required, and the plants thoroughly syringed at least three times a week.

Calceolarias, cinerarias and cyclamens raised from seed should be shifted on as often as their pots become well filled with roots. Carefully guard from insect pests, especially the green fly.

Geraniums that are wanted for winter bloom-

ing should be grown in small pots during the summer and the flower buds nipped off as soon as they are noticed. Plunge in a sunny situation and turn the pots occasionally so as to prevent them from rooting through into the soil. Aim to secure bushy specimens. The fragrant-leaved varieties should be gradually shifted into larger pots.

Hydrangeas, such as Thomas Hogg, rosea, etc., should be copiously watered.

Perennials and biennials should have their flowering stalks cut away as soon as they cease to bloom. If it is desired to increase them sow the seed on a prepared border as soon as well ripe.

Primulas. Old plants of the double Chinese should be placed in a cold-frame in a cool, shady situation and sparingly watered. Treat young plants as advised for cinerarias.

Pot plants of abutilons, begonias, heliotropes, stevias and all plants intended for winter blooming, as well as all those that are intended for specimen plants for show or decorative purposes as palms, ferns, etc., should be shifted on as often as they require it, taking care to use well drained, porous pots as well as those that are proportionate to the size of the plants.

Roses for winter blooming that are bedded out under glass should now be at rest and only water enough be given to prevent entire dryness of the soil.

The watering of pot plants requires close attention, and any neglect will result in serious injury. The best time for watering is late in the afternoon. The plants should be given liquid manure at times and gently syringed two or three times a week in bright, sunny weather. A free use of the syringe will do much towards keeping the plants free from insect pests, especially the red spider.

CHAS. E. PARNELL.  
*Floral Park, N. Y.*

### Plant Roses.

I have a great many roses of a great many kinds about my humble Illinois home, not forgetting Mr. Vick's beautiful "Caprice," which I have grown only one season; but it promises well, having bloomed several times last season, and now shows up finely, having stood the winter well with very little protection. I grow quite a number of Tea roses; but seldom any variety the second season unless it lives through the winter with a fair covering of leaves. My special favorites are those varieties which are hardy enough to stand entire outdoor treatment, and at the same time will bloom all the season till autumn frosts forbid. These kinds cost no more money, take up no more room, and are just as easily cared for as most of the sorts that only bloom once a year. Why then should we cumber our grounds with the latter, unless it be a very few kinds that have special virtues not found in other varieties?

But what I want to say to all who have love enough for them to care for them kindly is—plant roses, if only a very few of the best and most constant bloomers. And it is not too late to plant them yet this season. Plants raised in greenhouses may be successfully planted all this month, though it were better done in May. Though you cannot get much bloom from them this year they will get well rooted and into good shape for another year's blooming.

Let me suggest a few names of reliable hardy ever bloomers in the leading colors. White, Mad. Alfred de Rougemont and Coquette des Blanchés; crimson, Madame Charles Wood and Dinsmore; shell pink, La France; bright pink, Mrs. De Graw, Mrs. John Laing, Setina, Baroness Rothschild; and Gen. Jacqueminot, a peculiar crimson or scarlet all its own. The latter is not reliable for more than the June and July blooming, though it sometimes blooms once or twice later in the season. Any half dozen of these well cared for will, after two or three years, give you roses every week from June to November.

THEO. H. MACK.

*If not a subscriber to Vick's Magazine why not become so this week? It is only 50 cents per annum; five copies for \$2.00.*

## Briefs.

**Corn and Beans.**—Plant beans and sweet corn at intervals during this month.

**Cabbage Worms.**—Fight these with insect powder applied with a powder bellows.

**Root Crops.**—Thin out the beets, carrots, parsnips, etc., and raise large well-shaped specimens.

**Currant Worms.**—White hellebore powder is the best substance for killing currant worms. Apply with a dredging box.

**Tomatoes.**—The sooner they are in the better. Keep watch and protect the plants if any danger from frost is apparent.

**Cabbages.**—Set them any time during the month. Plantings made the latter part of the month will be in time for winter sorts.

**Rose Slugs.**—These can be destroyed with hellebore, or by spraying with a solution of whale-oil soap—a pound to eight gallons of water.

**Black Pepper and Cabbage Worm.**—Mrs. R. D., of Meshoppen, Pa., says that ground black pepper sifted on cabbages will completely destroy the cabbage worm.

**Kerosene Emulsion Prepared with Milk.**—Take sour milk one part and kerosene two parts, warm to a blood heat and stir well to mix thoroughly, then dilute with ten times as much water.

**Annual Flowering Plants.**—Seeds of most kinds of annual flowering plants can yet be sown in the open ground. With the steady warm weather the growth will be rapid and without check.

**A House Rose.**—One of our readers, writing us on the 6th of May, says: "I kept my La France in the house this winter; it has blossomed three times since New Year's; it is in bloom now, and so sweet!"

**Codlin Moth and Plum Curculio.**—One pound of Paris green to 200 gallons of water is used for spraying apple trees; and 2 ounces to 50 gallons, for spraying plum trees. Begin to spray as soon as the blossoms have fallen. Keep the liquid constantly stirred, and repeat the application after ten days.

**Lettuce.**—Transplant lettuce in order to get good heads. Make new sowings through the season to keep up a supply for the table. Paris White Cos is one of the best varieties for growing during the hot months. As it begins to fill up its leaves should be tied together over the heads, keeping the inner leaves clean and tender, and preventing injury by storms.

**Cucumbers.**—Plant cucumbers for pickles this month. Early Frame, Chicago Pickling, Boston Pickling, Green Prolific, Nichol's Medium Green, and Cleveland Pickling, are all good varieties for the purpose. Plant in rich hills, eight to twelve seeds in a hill, and then thin out the plants to three or four to a hill. Keep the ground well stirred around the plants as long as possible.

**Strawberries in New England.**—The *Vermont Watchman* publishes the following item from the experience of H. A. Robinson, of Foxcroft, Maine: "The easiest and best way to raise strawberries in northern New England is to get the plants very early in the spring, cultivate on the matted row system, cut off all bloom the first season, take a crop the next, and then turn them under."

**Celery.**—This vegetable can be set all through the month, the later plantings occupying ground left vacant by early crops of peas. The new method of planting the dwarf varieties close, and on the surface of the ground, economizes both space and labor. Heavy and quickly grown crops like these require rich soil. Superphosphate, or that and nitrate of soda, will make up for any deficiency in the stable manure pile.

**Fine Radishes.**—"I have fine radishes," writes one of our readers, "and my mode is to have a two-inch layer of sifted coal ashes spread upon the bed; after sowing seed (Vick's Early Globe) it is sprinkled over with sand. The radishes are tender and crisp, and no flies or worms molest them. By planting them at intervals I have them all summer and fall. This year I shall try the same plan with turnips."

**Foundation Facts on Roses.**—Garden roses want a rich well drained soil. Dig in plenty of rotted stable manure around the plants every spring. If this is not to be had use commercial fertilizers. Plenty of water is wanted while the plants are growing freely, and if it does not come directly from the clouds give an artificial watering every evening. Keep the soil well stirred about them with hoe and rake. Cut the blooms just before they fully open out, and do not leave them on the plants to form seed.

**Insects on House Roses.**—The red spider and white fly, which infest the rose plants of a subscriber, indicate that the room is kept too dry and hot. If possible a lower temperature should be kept, and moisture should be supplied to the air by the evaporation of water. The red spider can be destroyed by taking the plants to the sink every day, turning them on their sides and syringing the foliage with water. The white fly, which is probably a thrip, can be lured to death by taking a flaming torch among the plants at night and shaking them to disturb the insects, which will fly into the fire.

**The Weather Bureau.**—The practical application of the work of the Weather Bureau of the Department of Agriculture by farmers themselves is becoming more and more apparent. Just after one of the cold waves which passed over the South not long ago, the following telegraphic dispatch appeared in a Memphis, Tenn., paper, telling of the frost in Mississippi: "No damage resulted to tomato plants, as growers were warned by cannon firing on receipt of weather bureau report. Prospects are still good for over 2,000 acres in at this point." Being warned a full day ahead of the coming freeze the "truckers" had time to protect their crops.

**Kerosene Emulsion.**—This valuable material for the destruction of insects is variously formed; a good way is as follows: Take hard soap (whale-oil soap is best, but a good quality of brown soap will do), a quarter pound, dissolve it in two quarts of hot water, and then add one pint of kerosene oil. Stir the fluid rapidly and for a considerable time until there is a thorough mixture of the parts, and then add five quarts of water. For the green fly on roses and other plants, and for all kinds of aphides and scale insects, it is a certain insecticide. Apply with a sprayer, a garden syringe, or a small whisk broom. The syringe is the best instrument for the purpose.

**Calla—Chrysanthemum.**—Mrs. L. M., of Agate, Washington, writes of a double spotted calla. The calla occasionally develops in this way, but only for one season. In answer to questions about removing small bulbs from calla, repotting, etc., we will say that the small bulbs can all be taken away and the old stock be repotted in pots of same size as before. Remove all the old soil and use fresh rich soil.

The chrysanthemum now growing in a keg with numerous shoots should have them reduced to two or three and be pinched back to make them branch freely. The plant will probably make sufficient growth without shifting it. As the blooming season comes on give it liquid manure once a week.

**Roses, Caprice and Mrs. De Graw.**—One of our readers, who lives in Iowa, inquires how to care for roses, Caprice and De Graw after blooming. It is supposed that these roses are planted out in the garden. The Caprice which is a Hybrid Perpetual, is as hardy as those of its class and will pass through the winter with proper protection. Mrs. De Graw, a Bourbon, is said to be hardy south of the latitude of New

York; what it will do in Iowa is not known, but its hardiness can be tested by leaving it out and protecting it in the same manner as the Hybrid Perpetual. If one does not care to take this risk the plant must be lifted in the fall and wintered in the cellar or elsewhere where it will be safe from frost.

**The Little Flies and White Worms.**—Mrs. S. C. C., of Iowa City, Iowa, writes as follows: "In your April magazine an enquiry was made about destroying those little flies about plants, and as I have frequently heard similar complaint I will reply. Last winter the flies troubled my plants, and the soil was full of small white worms. I sprinkled sulphur on the soil and stirred it in with a small three-tined fork, using about one-quarter teaspoonful to a five-inch pot. My plants were not at all injured, and in a short time the flies and worms had disappeared. My sister used it also with the same results, although she used it more generously. I used it on geraniums, heliotrope, fuchsias, carnations, begonias, etc., but I don't think it will injure any plants."

**Cyclamen From Seeds.**—In answer to an inquiry, we will say that the best time to sow cyclamen seed is about the first of February, or not much later than the first of March. Sow the seeds in a box or pan and cover with a light of glass. Keep the soil gently moist and the temperature of the room 65° or 70°. It may be several weeks before all of the seeds germinate. The little plants are easily cared for. While yet quite small they can be transplanted into another box, giving them plenty of room, or if one has the facilities they can be set snugly into little pots and these pots plunged in a box of soil to prevent rapid drying out. Cared for in this way until settled weather comes at the last of spring, they can be turned out into the garden border and be left until September and then be taken up and potted singly and taken into the house.

**Planting Seeds in the House.**—Mrs. J. B. D. says: "Allow me to contribute a hint about planting seeds in the house, which I always use and have found an improvement over the common way. Take a shallow box or pan, fill it almost full of moist soil, break egg-shells at the small end, open about as large as a silver quarter, make a small hole in the other end, fill the shell with rich sifted soil, bury in the box side by side as close as possible just so the rim of the shell will show above the soil. Plant three or four seeds in a shell. When the plants are large enough to move clip the shell from one hole to the other with the scissors and remove it, when the roots will be found in good shape and can be handled without breaking or disturbing those not large enough. Tomatoes can be moved without checking the growth in the least. It is also nice for fine flower seeds. I begin saving egg-shells in February."

**Amaryllis.**—Mrs. R. M. C., of Poughkeepsie, N. Y., thus gives her experience with amaryllis: "I had three small bulbs given me several years ago. I potted them together. As they outgrew the pot, and small bulbs clustered about them, I placed them in larger pots, then a small tub, and this winter I have twelve bulbs in a tub eighteen inches in diameter, six of which are blooming bulbs, and I have had ten spikes of buds, giving me forty of the brilliant lily-like flowers. The quantity of foliage is beautiful, and it is no more care to attend the twelve bulbs than it would be to attend one. I set the tub out in the yard in the spring, take off some of the old earth and pile rotted manure over the top very heavily and the rains wash it in, enriching. I place a little earth over, so it is not unsightly. When frost comes I place the tub in the cellar and never think of it till the first or second week of January, when I bring it out, place it in a tub of warm water and leave it over night. This thoroughly saturates the soil and it needs no more for two or three weeks. I have never seen any plants of amaryllis that compared with mine for beauty."



### OUR LETTER BOX.

In this department we will be pleased to answer any questions, relating to Flowers, Vegetables, and Plants, or to hear of the experiences of our readers. JAMES VICK.

#### A Good Yellow Rose.

JAMES VICK:—Tell us in the MAGAZINE if there is a good yellow Hybrid Perpetual rose. E. G. M. So. Alabama, N. Y.

No there is no yellow Hybrid Perpetual. The best hardy yellow rose is the Persian Yellow. Harrison's Yellow is a good rose, a very fine bloomer, but not so fine in form or color as the Persian Yellow.

#### Water Hyacinth—Fig.

JAMES VICK:—I have a water hyacinth. Please tell me what I shall do with it in the winter; I have a pit. Mr. S. wants to know about the cultivation of the fig. Mrs. G. S. Vine Hill, Ala.

The so-called water hyacinth, *Pontederia crassipes*, we think will be found hardy even in winter in Alabama. As to the fig in the same locality we should think it might be almost as easily raised as the peach, and should plant it as a standard in the garden.

#### Coal Gas and Plants.

JAMES VICK:—Will you inform me whether plants that have dropped their leaves from coal gas, ever fully recover. Is there any remedy? F. M. C.

It depends on the nature and condition of the plants. Woody plants having about completed their growth might be subjected to the effects of coal gas with the result of losing their leaves and yet recover, but plants in full growth or soft wooded or succulent plants, under the same circumstances, would in most cases be killed outright; only those could survive which possessed strong vitality in the roots.

#### Young Rose Plants.

JAMES VICK:—Please tell me what is the matter with my rose slips and the preventive. They have been growing nicely ever since last fall, and now have a good root to them, but during the last four weeks not less than a dozen of them have died, the part next to the soil dying first. I pulled one up and found a small white insect in the root but I am not sure that it caused the rose to die. My soil is good and perfectly adapted to the growing of roses. If there is a remedy I would like to know it. J. R. S.

We cannot tell the cause of the trouble complained of, but we should shift all of the little plants and give them a light rich soil, well drained, and be careful not to overwater them.

#### Raising an Oleander.

JAMES VICK:—Someone mentions in the MAGAZINE an oleander which would not bloom. I will give my experience with one. I was given a slip in June and I started it in a bottle of water in the window and by November it was about one foot in height and had three limbs and a bud; the evening before Thanksgiving it was caught by the frost; it started again but only one of the limbs grew; the next August it measured five feet from the earth, and had three limbs. The next March each of the limbs put on buds and the bud in the middle began to grow and it blossomed, and there were seventy buds and blossoms on it at one time; it continued to bloom for nine months and is now full of buds and it will not be three years old until June. It is in a small keg or tub holding about two gallons and one half. Lamoni, Iowa. M. E. T.

#### Bananas and Pineapples.

JAMES VICK:—Will you kindly tell in your MAGAZINE how to start and grow bananas and pineapples? In what kind of earth should they be planted? Clarksdale, Mo. Mrs. J. A. C.

By going to Southern Florida, where the culture of these plants is practiced and is carried on to some extent, the whole practice can be learned. If it is desired to raise them at the

North hothouses, or stoves as they are technically termed, heated by the circulation of hot water or by steam, must be erected for the purpose. At the low prices these fruits are sold at in our markets, which are literally flooded with them, only millionaires can think of indulging the fancy of raising them.

#### Pæonia Buds Not Opening.

JAMES VICK:—We purchased two pæonies of you some five years ago. They do not bloom. Can you tell me the cause and how to make them bloom? In the spring they grow up and seem to be in thrifty condition, have goodly number of buds but they do not come to maturity. Will be much obliged if you answer. Mrs. A. N. F. Laurinburg, N. C.

Complaints of this kind are not infrequently made, yet in our own practice the peculiarity has never been observed. It is somewhat probable that the failure to open the buds is due to insufficient nourishment of the plants, and our advice is to dig in around the plants some well rotted manure, or else to supply liquid manure to them which would be more speedy in its effects.

#### Crown Imperial—Ornamental Trees.

JAMES VICK:—I have the Crown Imperial; some of the plants bloom finely while others with the same treatment do not. What is the reason?

Are the mountain ash or horse chestnut trees cultivated for their blossoms or only for shade? How long after planting before they bloom? J. W. Cahokia, Ills.

Probably some of the Crown Imperial bulbs are not strong enough to bloom. Take up such roots and separate them and plant them out in rich soil. The trees enquired about give both handsome bloom and grateful shade. How long from planting to bloom cannot be stated in a precise number of years—it may be four or five or it may be ten. It depends on the soil and the treatment the trees get.

#### Crape Myrtle.

JAMES VICK:—I have a pink crape myrtle; last year it had plenty of buds, but none came to perfection. Does the plant require shade or sunshine, wet or dry soil, sand or slate? Mrs. A. C. J. Sunflower, W. Va.

A good substantial soil, well drained is best for the plant. The best course to take with it now is to plant it out in the garden for the summer, where it will probably bloom. If it can be given a spot where it will be shaded a little in the middle of the day it will be well suited with it. It will not do, however, to plant it directly under the heavy shade and drip of trees. In autumn the plant can be potted and taken inside. The plant also does well standing on a veranda during summer.

#### Agapanthus.

JAMES VICK:—Please give directions for the culture of the agapanthus, and how to make it bloom. Fine large plants have not bloomed for several years. I have tried wintering in the cellar, and also in the conservatory; one bulb bloomed in the winter in the conservatory. Mrs. A. C. W. Quincy, Ill.

The agapanthus is an evergreen plant of the easiest culture. A soil composed of a mixture of good rich loam, leaf-mold and sand is suitable. Instead of wintering in the cellar we should give it a cool place in the greenhouse or conservatory or even in some room of the dwelling where the heat would not much exceed 50°, and allow but little water while in this low temperature. If kept in this manner during winter it will start into renewed activity with summer heat and throw up its flower stem.

#### Worms on Pansies.

JAMES VICK:—Those "Worms on Pansies," mentioned by S. M. C. in the April MAGAZINE, made their appearance here last summer, late; they devoured the whole plant. They rolled up and tumbled on the ground when the plant was touched. I took a trowel and scraped them on a dust pan, destroying every one I could find, for weeks. Then late in the fall I found white insects on the pansy roots. Gardening is getting to be like work.

All the catalogues say "Amaryllis Johnsoni grows two feet high." Mine grows four feet and the leaves last till the next winter, sometimes do not ripen till new ones start. Bulbs eight inches circumference. I wonder why so many people seem to think hyacinths and other bulbs flowered in the house are to be thrown away. I never throw away even the poorest bulb. Since the first of April, bulbs, all of which

once blossomed in the house, have been a delight. They are in a sheltered nook on the sunny side of the house. The yellow spikes of hyacinths are finer than when in the house two and three years ago. Later there will be another set in a colder part of the garden.

#### Hibiscus—Cape Jasmine.

JAMES VICK:—Will you tell me how to treat hibiscus, also Cape jasmine? I kept some plants three years but they did not blossom. Mrs. O. G. P. Moravia, N. Y.

It is Chinese hibiscus, probably, which is here inquired about. The plant requires heat and a good light, and is not well adapted to ordinary window culture or growing in a room. In an enclosed window space where the temperature and moisture of the atmosphere can be nicely regulated it will do very well, but it is properly a greenhouse subject at the North.

The Cape jasmine will do well in a soil composed of leaf mold and loam with a little old manure. It is often planted out in the garden during summer where it blooms freely. It must be lifted and removed to the house before frosts come.

#### Wax Plant—Mealy Bug.

JAMES VICK:—Will you please give me information concerning a wax plant, *Hoya carnosus*, which I have had nearly seven years, but has never blossomed nor budded. It is ten feet long with plenty of healthy foliage, in a large-sized pot with rich soil.

I would also like to know if there is any preventive for the grayish colored bugs or lice which collect on the buds of hardy honeysuckle, causing them to draw to one side and never opening.

Marilla, N. Y.

M. L. G.

Wax plants require their wood to be ripened or hardened in order to bloom freely. Keeping the plants constantly supplied with water and in a growing state is unfavorable, therefore it is best to water lightly and keep the plants warm during the winter. In spring and summer give all the water required.

The bugs which infest the honeysuckles can be destroyed by syringing the plant with the kerosene emulsion solution.

#### Callas.

JAMES VICK:—Please let me know the best treatment for calla lilies. Mine seem to be perfectly healthy but do not bloom. Mrs. J. E. H. Sperryville, Va.

Our experience with callas indicates that they can be best raised by planting them out in good soil in the garden in spring where they are allowed to remain until the last of August, when they should be lifted and potted in rich, light soil in good sized pots provided with drainage. Although this plant may do well in a high temperature, it is only when, at the same time, it has plenty of ventilation. It is frequently observed in rooms which are kept very warm and very close with its leaf-stems drawn out to an excessive length, and evidently the whole plant weakened. A temperature of 60° to 70° is best, and air should be given regularly. Give all the water the plant can use and when applying it give it copiously so that some will pass off through the drainage.

#### Improving Soil—Setting Plants.

JAMES VICK:—I am much interested in the letters that you receive and print for your subscribers in the "Letter Box" of the MAGAZINE, and as I receive many valuable hints from them I think it is possible that my experience may be of some interest to others. We have here a stiff clay soil well mixed with stones and are all the time trying to improve it as you suggest; and have had good success with many of our plants, including pæonies, hardy roses, carnations, Japan and border pinks, portulacas, hollyhocks, gladioli, marigolds, asters, poppies, pansies, tulips, Sweet Williams, sweet peas, and perennial peas, also many flowering shrubs. I found the perennial peas very hard, but finally succeeded nicely with them by soaking them in water for several days before planting, and they pleased me by blooming in three different colors—deep and light pink and white, they are well worth having. The gladioli gave us a great deal of pleasure, though they were unnamed ones, but they are beautiful and are well worthy of being named, we think; they grow here finely, often having two or three spikes of flowers to one bulb.

Will you please inform me which time is best for putting out clematis and honeysuckles, the fall or the spring? Milton, Mass. E. B. M.

For Massachusetts and other Northern States the spring is the better time to set out the plants mentioned.

### Raising Carnations.

**JAMES VICK:**—I read in your "Letter Box" in April number an inquiry about carnations. Although I never tried to raise them in the house I have had success in growing them in my conservatory and I think the way I raise them they ought to give good satisfaction in the house just as well. I generally root my cuttings about December to January and as soon as they have struck root I plant them in a box, setting them so as to touch each other, and when sufficiently rooted I place them in the cold frame; this gives them a time of rest for you've got to have healthy and stocky plants for winter flowering. I keep them in the cold frame until the time of planting out in the spring has come, when I place them in the border, setting them in rows about ten to twelve inches apart and the same distance between each plant. As they grow I take care of them by raking and weeding and pinching back the flowering shoots; this I do until about the 1st of September. Pinching back the shoots induces a dwarf and stocky growth. Then about the 1st of October I take them up and pot them in six or seven-inch pots. I water them thoroughly, and shade them a few days, when I take them to the conservatory, where they give me an abundance of bloom throughout the winter. I keep them in an average temperature of 40° to 50° and water them once or twice a week, just as necessary.

Hoboken, N. J.

G. F. M.

### Calla—Smilax.

**JAMES VICK:**—Why do the leaves of my calla die? I have it in sandy soil in the window. What season should I rest my smilax? It has been growing two years from seed and is not looking well. Have never changed it.

MRS. E. V. L.

Hitesville, Ky.

We should like to be able to say why the calla leaves die in this case, but unfortunately we have no knowledge of the treatment the plant has received, therefore can only surmise causes. It may be that the plant is insufficiently watered; it may be that the root is affected in some way; or there may be some other reason for it. Examine the plant carefully, watch its behavior, from day to day, and the trouble may be discovered.

We do not wonder that the smilax does not look well if it has been growing steadily for two years. Lessen the watering day by day until the plant is allowed to go dry. Keep it dry, giving only enough water to keep from drying out. About the first of August separate the plants and repot in fresh soil, and start into new growth.

### Anti-Bos.

**JAMES VICK:**—Will you kindly inform me whether you can furnish a vine that cows will not meddle with? I am greatly annoyed by cows eating off leaves and tops of vines, and have thought there must be something having prickly or bitter leaves that they would not touch. Can you also recommend a shrub that cows will let alone?

MRS. S. LE F.

Burden, Columbia Co., N. Y.

We think that cows or other animals will not eat the wistaria, and it is one of the handsomest of climbers. Two fine ornamental shrubs which are repellant to animals, we think, are the barberry and the buckthorn. There are several varieties of the barberry, one with purple leaves which in connection with the green leaved varieties forms a fine contrast. *Berberis ilicifolia*, the holly-leaved barberry, has large, dark green leaves which hang on the plant quite late in the season. Thunberg's barberry is a low-growing variety with small leaves which turn to a bright crimson in the fall. The barberry produces numerous clusters of yellowish flowers in spring and handsome red berries in autumn. The buckthorn is a strong-growing, hardy shrub with dark green foliage, having white flowers succeeded by black berries.

### Pruning Roses.

**JAMES VICK:**—Please answer these questions in your MAGAZINE: What kinds of roses need cutting back in the spring? and how much do they need pruning? I have a Moss rose and a Meteor that are each three feet high. Will they bloom better if they are cut back?

E. A. L.

Taunton, Mass.

To get fine roses, large and well formed, it is necessary to prune back the plants each spring. How much each plant requires depends both on the condition of the plant and what is desired from it. If numbers of flowers are wanted without regard to size or perfection of form very little pruning will suffice, but handsome roses can be produced only by restricting the number to each plant, and this may be done best by

sharp cutting back in the spring and while the plant is yet in a dormant state. Weak plants should be pruned shorter than strong ones, for the reason that they are not capable of supporting so many flowers as a large, strong-growing plant. The art of pruning roses can only be acquired by practice and carefully observing its effects. To start with, do not be afraid to prune back roses which have been two or three years planted at a foot or less from the ground. After that watch the plants, notice their vigor of growth and prune for the results you wish to obtain. If a large tall plant is wanted it is better to get it after several years, rather than to push the plant into that shape the first two or three years. Some varieties of roses are constitutionally weak or moderate growers and they must be annually pruned back somewhat severely.

### Amaryllis, Cineraria, Lily of the Valley.

**JAMES VICK:**—Your carnation Nellie Lewis came to me in good order, is growing nicely. I return thanks for the same. The MAGAZINE I like very much—that is, the instructive part, would prefer it all so.

I wish to ask through your valuable book some questions. I have an amaryllis, it did not do well so repotted it, then placed it in a south window, it grows some, but oh! so slowly, and shows no sign of blooming. What can I do with it? When put in the cellar in the fall the leaves were cut off. Should they have been? I water it as I consider right, just keep moist.

Will some one tell me if the cineraria will bloom a second year? If so, what shall I do with the plant when through blooming and the shoots that spring from the roots? Will they do to save for a future blooming next year?

Lilies of the valley when grown in the house, do you after blossoming cut down, dry off and put away as you do hyacinth. I have some in bud now, planted after the directions in your MAGAZINE, they are elegant.

Ann Arbor, Mich.

See about amaryllis in the April MAGAZINE, page 87. As the weather begins to cool in autumn give less and less water to amaryllis and allow the leaves to turn yellow and ripen. Then keep the bulb in a dry, warm place until that time in the winter when it shows some sign of growing. Then bring it to the light and supply with water. It is growing slowly now on account of being checked by repotting.

The cineraria will bloom a second season but it will not be satisfactory. The better way is to raise new plants each year.

Lily of the valley after blooming in the house should be turned out into the garden and left there. The pips will not bloom well the following season. New, strong pips of Holland growth are what should be used for window blooming.

### Rose Insects—Weigela.

**JAMES VICK:**—Will you please tell me how to destroy small green worms that eat the buds of my Moss roses? They do not molest the buds of the Hybrid Perpetual roses although in the same bed.

Last spring I found my climbing roses Queen of the Prairie covered with plant lice. The roses went half way up the house. I made an emulsion of 1 part kerosene, 2 parts soft soap and 20 parts water, using warm at first to melt the soap. Then I took out the tacks that nailed the bushes to the wall and dipped them in the emulsion. It was a good deal of work but I had the satisfaction of destroying all the insects. I made the emulsion weaker than some direct because I found it destroyed the leaves if stronger. On smaller roses and sweet alyssum I used it still weaker and with good effect.

Can you tell me whether the weigela can be pruned so as to be kept about four feet high? How soon do they begin to bloom after planting, say one-year old plants?

M. M. M.

Topeka, Kansas.

The green worms which eat into rosebuds can be kept in check to some extent by dredging the plants with powdered white hellebore; in addition it is well to keep a sharp lookout for them and when seen crush them between the thumb and finger or forcibly in some way.

The treatment of the plant lice was quite proper, and all rose-growers can take the lesson home and practice on it.

The weigela can be kept low by attention to pruning which can be performed after blooming. Shorten back the blooming shoots and get a new growth from the lower part of the stems. If pruning is done before blooming the

flowers are sacrificed. A careful observer will note to what extent the pruning can be carried; if the shoots become too slender the pruning can be omitted one year and then resumed when the plant is becoming too high. Weigelas are free bloomers and frequently commence to flower the second year.

### Potato Scab.

**JAMES VICK:**—What makes the rough dark spots on potatoes?

M. J. D.

Watworth, N. Y.

Researches into the cause of the potato scab have revealed the cause to be a parasitic organism, but its life history is not yet wholly known. One important fact is that it develops in the soil. It infests potatoes most in soils containing a large amount of vegetable matter, and in those where the potato has been raised successively for a number of years. Potatoes raised in sandy soils with artificial fertilizers are free from the scab or nearly so. Heavy manuring with stable manure favors the spread of the disease. The application of lime or ashes tends to increase the evil. When stable manure is used it is better for being well rotted and plowed in. If manure is used in the bottom of the furrow in which the potatoes are planted it should first be covered lightly with soil. Spraying the potato vines, while growing, with the Bordeaux mixture slightly checks the development of the scab although it is a fact that the disease does not reach tubers directly through the vines. Spraying with the Bordeaux mixture the seed potatoes and the soil about them after they are dropped in the furrows, is the best means at present known of checking the development of the scab. Dr. Roland Thaxter, of the Connecticut Agricultural Experiment Station, and H. L. Bolley, M. S., of the North Dakota Station, have given this subject much attention, and have reached the practical conclusions which have been mentioned. Mr. Bolley claims that Swedish turnips, carrots, and cabbage roots are affected by what is apparently the same disease. Experiments of the present season will probably shed still more light on the subject.

### Various Questions.

One of our readers in Iowa makes several inquiries, one of them being about treatment of the large gooseberries, saying that the fruit is not now as large as formerly.

The gooseberry needs a cool soil and heavy mulching of the ground under and about the plants with straw, hay or grass will be found the best means of securing this condition.

Another inquiry relates to the treatment of the Manettia. It is hardly necessary to say more than that as the cool weather comes on in the fall the water supply should be lessened and only a moderate amount allowed until February or March, when the plant can be shifted, some new soil supplied; at the same time cut back the side shoots to induce new ones to come out from their base, as the flowers are borne on the new growth. Increase the water supply as growth proceeds.

In reply to the question about roses doing well in a common living room, we must say they will not. With an enclosed bay window fitted up for plant-growing good success can be had with roses, but not in an ordinary living room. The plants require a lower temperature and moister atmosphere than can be secured in a living room, and not one person in fifty, who make the attempt to raise them in this manner, succeeds.

Another query is whether manure hurts bulbs of any kind. To an inquiry so general as this we can only answer in a general manner, and say yes. To specialize a little, stable manure in reach of some varieties of lilies appears to be injurious, perhaps prepared fertilizers and some kinds of mineral manures might be of benefit to them. As a rule it is best to supply fertilizing substances to flowering bulbs in the form of liquid manure and while they are in bloom and after, decreasing the supply as the resting season approaches.

# VICK'S MAGAZINE.

ROCHESTER, N. Y., JUNE, 1892.

Entered in the Post Office at Rochester as "second-class" matter.

VICK'S MONTHLY MAGAZINE is published at the following rates, either for old or new subscribers. These rates include postage:

One copy one year, in advance, Fifty Cents.

One copy twenty-seven months (2½ years), full payment in advance, One Dollar.

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\$1.25 per agate line per month; \$1.18 for 3 months, or 200 lines; \$1.12 for 6 months, or 400 lines; \$1.06 for 9 months, or 600 lines; \$1.00 for 1 year, or 1000 lines. One line extra charged for less than five.

All contracts based on a "guaranteed and proved circulation" of an average through the year of **200,000.**

All communications in regard to advertising to Vick Publishing Co., New York office, 38 Times Building, H. P. Hubbard, Manager.

## Six Months' Record.

The publishers of VICK'S MAGAZINE feel that they have reason to congratulate themselves, their readers and their advertisers at the splendid record for the six months ending April 1st. Substantial proof of the value of the MAGAZINE has been received in subscriptions (in many cases over 1000 per day being received) as well as in favors from advertisers who desire to get better acquainted with the Vick family.

The following schedule will show the number of different families reached each month—the numbers given being the actual copies mailed in the respective months.

Nov. 1891,	200,000	weighing	nearly	12	tons.
Dec. "	248,670	"	over	17	"
Jan. 1892,	243,146	"	"	13½	"
Feb. "	248,706	"	over	14	"
Mar. "	200,000	"	"	14	"
Apr. "	200,000	"	nearly	12	"
Total	1,340,522	"	"	81	"

An average of 223,430 per month.

The postage paid to the government at one cent per pound was over \$1600.00.

This great Vick family is spread all over this country and Canada, and there is hardly a post office at which it is not a regular and welcome visitor. The change from the old style small page to the new broad liberal page was made six months ago with some hesitancy, but the reduction in price (made possible by the decreased manufacturing cost), as well as the pleasure expressed by our subscribers, shows that we builded wisely and well. Fully as much, if not more, reading matter is given each month, hence everybody is pleased.

We hope that the next six months will show an equally good record and our aim is to constantly improve. VICK PUBLISHING CO.

## An Odd Amusement.

Among the new fads worth telling about is the "Old Maid's Tea." It originated with some bright girl who was young and fresh enough to try the experiment. All the guests were dressed as the traditional spinster, with mittens, caps and spectacles. Each brings her cat, borrowed for the occasion if necessary, and each guest has her own little teapot in which she brews her individual beverage. A jolly little Sairy Gamp and Betsy Prig seance follows.

## Sensible Advice.

The *Farm Journal* says: "Let the new house be built where a broad outlook on surroundings, perhaps including a distant view, may be obtained from every room, if other conditions are equally favorable. Frequently the most charming building site on the farm is left for mowing or grazing, and the new residence placed on or near the cellar of the old one in a shut-in situation, where nature cannot be appreciated. Supposing the new and old *should* be a quarter of a mile apart? A tasteful selection of a good situation for the residence will sometimes increase the value of the farm as much as the cost of the edifice, both in the eye of the owner and of a possible buyer."

Yes, and build the cellar high, set the house high enough to make the water run away easily. In addition get some good plans such as Mr. Frank P. Allen, of Grand Rapids, advertises in another column. It don't cost much more to have good looking house.

## Save that Tree.

If a favorite or valuable tree has become wounded by being nibbled by an animal, paint it, as you would where pruned, with common oil paint, wherever they are made, for the same reason that you tie up a cut finger—to exclude the air from it. The writer had a horse chestnut tree with a big hole in the side ten inches wide by two feet long. All the old dead wood was dug out and after filling it full of old bricks, the front was boarded up and cement poured in at the top. When it hardened, the board was taken down and the rough cement trimmed off. In two years the bark had covered the hole. Result, a handsome tree saved in good shape.

## Sweet Peas in April.

Sweet peas are now forced by florists in and about New York, with great success. They are grown in a regular rose house or greenhouse of ordinary temperature, but need plenty of room and even heat. Planted about January 1st and later they mature in time for Easter and the festivities that follow it. At present writing (May 5th) the blooms are selling in New York for 50 cents per dozen, at wholesale.

## She Will Succeed.

When Mlle. Belesco, the girl lawyer of France, was asked by a woman of society how it was possible for her so to defy precedent and tradition, and to ignore the advice of her friends in the matter of her profession, she replied simply, "My conscience was stronger than tradition, and my talent of more account than the conventional counsel of my friends."

## The War of the Roses.

This was a disastrous civil contest which desolated England during the thirty years from 1455 to 1485, sacrificing eighty princes of the blood and the larger proportion of the ancient nobility of the country, as well as over 100,000 lives. It was called "The War of Roses" because the two factions into which the whole country divided, in the contest for the throne of England, upholding, according to their preferences, the houses of York and Lancaster, wore badges of the red and white rose respectively. The accession of Henry VII practically terminated the war.

At some fashionable summer resorts, both in this country and Europe, it is turned into a frolic, in which chosen sides pelt each other with well tied bouquets of red and white roses. But the poor roses suffer, of course, in the battle.

## The Wants of Civilization.

Civilization has multiplied human wants indefinitely, and in the progress of humanity the personal relations become more and more complex. The necessity of knowledge is imperative; books are necessities to all; the simple word-spelling and defining dictionary of a hundred years ago has now grown into a great source of varied information, but not sufficiently satisfying inquiry. A great demand has arisen within the last quarter of a century for cyclopedias; everywhere they are in demand. A good cyclopedic opens to view the world of nature and human progress and invention. Every household feels the need of a good cyclopedic. Such an one is the *Columbian*, published by Garrettson, Cox & Co., of Buffalo, N. Y. It is bound in volumes of medium size which are easily handled, and which combine a dictionary with an excellent cyclopedic, and the whole is supplied at a very moderate price. The *Columbian* touches life and labor at all points and covers the whole range of human knowledge. A very large number of topics which do not appear in other cyclopedias are treated here. The important points of the subjects treated are stated concisely and clearly and a careful discrimination is made between topics of permanent importance and those of merely transient interest. Another important point is the fact that very recent information has been secured. This great work is expected to be completed in June. It will contain 26,000 pages, and nearly 7,000 illustrations. It is, in every respect, a thoroughly good work. For the great majority of people we believe it to be much the best work of the kind which can be obtained.

## The Microscope and Plants.

Many of our readers who cultivate flowers we know to be interested in the study of them, and to be using that wonderful appliance, the microscope, in bringing to view the secrets of nature as manifested in the various parts of plants. By the aid of this instrument we have a new relation and are enabled to understand many things which otherwise cannot be known. To all who are thus interested we can cordially recommend the *American Microscopical Journal* which is published monthly at Washington, D. C. The publisher, C. W. Smiley, should have the support and encouragement of all plant students as well as all other students of nature.

## Greenhouses and Conservatories.

We shall publish a series of three articles in July, August and September, on how to build, heat and enjoy large and small greenhouses, conservatories, etc. Plans and suggestions will be given showing how they can be attached to dwellings and be made "Little Floridas" where the good wife can, during the cold months, take her sewing, or the children their play—all in a fine atmosphere with pleasant surroundings.

## Vicks' Contains Information.

WINTHROP HEIGHTS, D. C., Jan. 31, 1892.  
MESSRS. VICK'S SONS:

Please send me your Floral Guide for 1892. And allow me to thank you for a copy of the MAGAZINE published by your house. It is the only one of the kind which I have seen which contained any information. But as you have doubtless seen many which I could name (you are acquainted with the contents) full of laudatory letters, not bad in themselves, but not instructive to the public. Respectfully,

MISS M. A. J.



Written and  
called for Vick's  
Magazine.

## BRIGHT IDEAS.

Make your mistakes teach you something.

Don't be a grumbler if you want to be useful.

Earning makes a man happy; saving makes him wise.

Better patches on the trousers than mortgages on the farm.

Don't condemn other people for doing things that you are guilty of.

The moments we spend idly are not always the worst employed.

The rose probably wonders what there is about it that people like.

Better live in a house without windows than in a house without books.

Life is not so short but that there is always time for courtesy.—*Emerson*.

Trials elevate or degrade your nature according to the way you meet them.

A million dollars won't make a man happy, but most of us would like to try it.

When you talk to a man or a child about his faults don't stand over him with a club.

No man can get very much of an education without going to school to his mistakes.

Good manners is the art of making those people easy with whom we converse.—*Swift*.

There isn't anything we know that somebody didn't have to burn his fingers to find out.

There is a good deal of gospel in the right kind of a handshake. Beware of the grip.

Have you received a good turn? Never forget it. Have you done one? Never remember it.

If we had no trouble but real troubles there wouldn't be a round-shouldered man in the world.

Genius is always impatient of its harness; its wild blood makes it hard to train.—*O. W. Holmes*.

Chrysanthemum cuttings rooted this month will make fair flowers if watered and shifted frequently.

Home is a working model of heaven, with real angels in the form of mothers and wives.—*London Tit-Bits*.

Never does a man portray his own character more vividly than in his manner of portraying another.—*Richter*.

It is not so much what a man thinks as what he does that makes his place in the world.—*Indianapolis News*.

The best way to retain a boy's confidence is to interest yourself in every one of his friends. Invite them in frequently.

The best portion of a good man's life—his little, nameless, unremembered acts of kindness and of love.—*Wordsworth*.

The more an idea is developed, the more concise becomes its expression; the more a tree is pruned, the better is the fruit.

A bright woman who believes in the gospel of rest, says: "I never stand when I can sit, and I never sit when I can lie down."

Let the boy buy and sell occasionally. What he loses in money he will gain in experience worth more than money.—*Farm Journal*.

"The way to sleep," says a scientist, "is to

think of nothing." But this is a mistake. The way to sleep is to think it is time to get up.

Canned fruit is better to be opened, and poured into a porcelain dish an hour or two before using that it may absorb oxygen from the air.

It is the crushed grape that gives out the blood-red wine; it is the suffering soul that breathes the sweetest melodies.—*Gail Hamilton*.

I had rather never receive a kindness than never bestow one. Not to return a benefit is the greater sin, but not to confer it is the earlier.—*Seneca*.

If a man empties his purse into his head, no man can take it away from him. An investment in knowledge always pays the best interest.—*Franklin*.

Money never yet made a real friend, and its value consists in what it can buy. Love is out of its reach, and so are all the moral and intellectual attributes.

Nothing sharpens the arrow of sarcasm so keenly as the courtesy that polishes it; no reproach is like that we clothe with a smile and present with a bow.—*Chesterfield*.

Did you tell your neighbor how you appreciate VICK'S? They might enjoy it the same as you do. Let VICK'S light shine and its rays will give pleasure in every home.

If you wish to make a good impression upon society, be natural. Artificiality may seem, on account of its prevalence, to be desirable, but it is impossible to make a greater mistake.

One of the sayings of Goethe's mother was: I always seek out what is good in people, and leave what is bad to Him who made mankind, and knows how to round off the angles.

A wide wagon tire is a good road maker, not a rut cutter. In France the farm wagon tires are from four to six inches wide. This is one secret of their good roads and the horses and cattle appreciate it as well.

A writer in the *Scientific American* asks the pertinent question why the same device that will send a torpedo three miles from shore to destroy a vessel may not be made to send a lifeboat the same distance to rescue passengers and sailors from a wreck.

How to have water in unfailing supply at the farm house and barns has been successfully solved by Nelson S. French, of Trumbull, Ct. He has dug a well in the brow of the hill some distance away and found water at a good depth. This is piped up out of the well and down hill to the buildings in a siphon, and all pumpings and other annoyances done away with. The idea would serve well on many another farm where a spring is not available.—*Farm Journal*.

## AYER'S Cherry Pectoral

Has no equal for the prompt relief and speedy cure of **Colds, Coughs, Croup, Hoarseness, Loss of Voice, Preacher's Sore Throat, Asthma, Bronchitis, La Grippe**, and other derangements of the throat and lungs. The best-known cough-cure in the world, it is recommended by eminent physicians, and is the favorite preparation with singers, actors, preachers, and teachers. It soothes the inflamed membrane, loosens the phlegm, stops coughing, and induces repose.

## AYER'S Cherry Pectoral

taken for consumption, in its early stages, checks further progress of the disease, and even in the later stages, it eases the distressing cough and promotes refreshing sleep. It is agreeable to the taste, needs but small doses, and does not interfere with digestion or any of the regular organic functions. As an emergency medicine, every household should be provided with Ayer's Cherry Pectoral.

"Having used Ayer's Cherry Pectoral in my family for many years, I can confidently recommend it for all the complaints it is claimed to cure. Its sale is increasing yearly with me, and my customers think this preparation has no equal as a cough-cure."—*S. W. Parent, Queensbury, N. B.*

## AYER'S Cherry Pectoral

Prepared by Dr. J. C. Ayer & Co., Lowell, Mass.  
Sold by all Druggists. Price \$1; six bottles, \$5.  
**Prompt to act, sure to cure**



"O, beautiful, royal Rose,  
O, Rose so fair and sweet!  
Queen of the garden art thou,  
And I, the Clay at thy feet!"

Yet, O thou beautiful Rose!  
Queen Rose, so fair and sweet,  
What were love or crown to thee  
Without the Clay at thy feet?"

—*Julia C. R. Dorr*.



## THE BEST IS NONE TOO GOOD.

As announced below, the Vick Publishing Co. have, in the interest of their subscribers, made arrangements to supply a superior grade of

watches in a variety of handsome styles at the very lowest rates that these articles can be made. A thorough investigation has enabled us to obtain the most reliable time keepers in the handsomest cases. The watches which we are able to offer to our readers are admirable in workmanship and beautiful in appearance. Both the gold and silver watches which we advertise are equal in appearance to watches many times their price in which the cases are of unalloyed gold and silver. They are superb examples of the jeweler's art, and may be worn and exhibited with full assurance that they are equal to the best.

The New York Ledger says: "The watch manufacture in America has reached a degree of perfection, combined with cheapness, unknown in any other country. American ingenuity and labor saving machinery have combined to achieve this triumph of mechanical construction. The result, however, would not have been attained but for the general use of watches by every one of both sexes above the age of childhood. \* \* \* It is not considered pretentious or looked upon as an extravagance in the humblest and poorest to possess an accurate time keeper."

### American Watches Lead the World.

### WALTHAM AND ELGIN WATCHES AT DEALERS' COST PRICES

### For the Readers of Vick's Magazine.

**A.**—Every reader of VICK'S MAGAZINE knows that Waltham and Elgin watches are "The Best in the World." Having so many requests to buy first class watches for our subscribers, the publishers of VICK'S MAGAZINE have made a very favorable wholesale contract by the terms of which we are enabled to offer to VICK'S MAGAZINE readers the best quality watches at about one-half the price usually charged for them at retail.

**B.**—We are not running a watch business for the general public, but purely for our patrons. The readers of this magazine can buy all they wish at these reduced prices, which are within a fraction of what the retailers pay to sell again! The object of this offer is to save money for our readers.

**C.**—Every one knows the excellence of these watches, and that they are the best in the world for anything like the money, yet many are com-

pelled to purchase foreign counterfeits simply because they cannot purchase the genuine without paying two or three big profits.

**D.**—We have selected special watches, which we believe represent the best value for the money of any watches yet made, and we propose to furnish watches suitable for every member of each of the families represented on our subscription list.

**E.**—The New York Ledger well says: "The demand for punctuality and accuracy is so great in this busy country that a watch is not an article of luxury, but of necessity."

**F.**—These watches will be sent on the receipt of price, by registered mail, with the distinct understanding that if within three days from receipt (after showing it to experts if desired), the purchaser is dissatisfied, or the watch is not up to the guarantee, the watch may be returned by registered mail and the full amount paid for it will be refunded, or allowed on any other watch, at the sender's pleasure.

**G.**—Below will be found descriptions and prices of a few of the best and most satisfactory Waltham and Elgin watches from the many styles made at these factories. No Swiss or cheap watches are in our list. Do not try to order anything through us except the celebrated Waltham and Elgin watches—the BEST ever made.

**H.**—All watches offered are stem-winders and stem-setters, and the solid gold cases are standard gold, U. S. assay. Experience has shown this to be the right hardness for long wear.



FOR GENTLEMEN.

No. 1 is a magnificent Waltham or Elgin watch, hunting case or open face. The works contain seven jewels, compensation balance, safety pinion, stem-wind and set, and all improvements. The case is made of solid gold, and is a celebrated "Brooklyn Granger." Sent by registered mail for \$25.00.

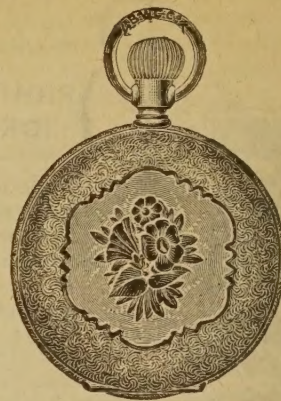
No. 2. Same works and jewels as No. 1. The case is gold filled. The manufacturers guarantee it to wear fifteen years just like solid gold. Open face \$12.00; hunting case \$15.00, by registered mail.

Watch clubs and instalment men sell this for \$30.00, and others in similar proportion.

No. 3. Same works in solid nickel-silver case, heavy plate glass crystal. Open face, only \$5.50, by registered mail. These works can be put in a more expensive case at any time.

FOR LADIES.

No. 4 is a solid gold engraved hunting case watch, ladies' size. The works (either Waltham or Elgin) contain eleven jewels, stem-wind and set, and all improvements. This watch represents the triumph of modern expert workmanship. In addition to the above, each watch contains compensation balance, patent safety pinion and tempered hair spring. Sent by registered mail for \$25.00.



No. 5 is a Waltham or Elgin seven-jeweled watch, solid gold hunting case, ladies' size, same as No. 4. Sent by registered mail for \$18.00.

No. 6 is the same in every particular as No. 4, eleven jewels. The case is gold filled. The manufacturers guarantee it to wear twenty years just like solid gold. Sent by registered mail for \$17.00.

No. 7 has the same works as No. 6 in a gold filled hunting case, full engraved. The manufacturers guarantee it to wear fifteen years just like solid gold. Sent by registered mail for \$14.00.

### FOR YOUNG MEN AND BOYS.

No. 8 is a Waltham or Elgin watch like No. 1, in a solid coin silver 3-ounce case. Open face or hunting. Sent by registered mail for \$12.00.

No. 9 is the same works as above; case same as No. 3, solid nickel-silver, and for boys is the best watch in the world, being strong, handsome and accurate. Heavy plate glass crystal. Sent by registered mail for \$5.50. The works can be put in a gold case when the boy earns the money to pay for it.

These prices cannot be equaled by any retailer unless he is willing to sell for minus the large profit usually made.

### POINTS TO REMEMBER.

**I.**—Read carefully. No watches sent C. O. D. No watches offered as premiums. Every watch will be sent in perfect condition. Should any watch be damaged in the mails return it immediately and a new one will be sent. We guarantee satisfaction in every case, and if the subscriber is convinced that his watch is not as advertised his money will be refunded within reasonable time on return of same by registered mail. See paragraph F, above price list.

**J.**—All our watches are the latest product of the world renowned Waltham and Elgin factories. All watches are stem winders and setters.

**K.**—These prices do not include a subscription. Any subscriber or reader may buy as many watches as he likes from us and at our greatly reduced prices.

**L.**—If you want a watch and are not a subscriber, you should become one by adding to your remittance 50c. for a year's subscription to VICK'S MAGAZINE.

### IMPORTANT.

**M.**—In ordering be careful to name the number of the watch desired, the kind of case, and whether open face or hunting. Say whether a Waltham or Elgin is preferred; also please name the price of watch you want. DO ALL THIS TO AVOID MISTAKES.

**N.**—Every watch will be sent by registered mail. Each one is inspected and regulated before mailing, but while only perfect watches ever leave the Waltham or Elgin factories, accidents are possible in the mails. The watch should be carefully wound and run when received, and if not in perfect order should be remailed to this office within a reasonable time, at the same time writing about it.

Address all letters and remittances to  
PUBLISHERS VICK'S MAGAZINE,  
ROCHESTER, N. Y.

A Faded Rose.

"It was nothing but a rose I gave her,  
Nothing but a rose  
Any wind might rob of half its savor,  
Any wind that blows.

Withered, faded, pressed between these pages,  
Crumpled, fold on fold—  
Once it lay upon her breast, and ages  
Cannot make it old."

—Harriet Prescott Spofford.

Advice from Connecticut.

CHESHIRE, CONN., April 20, 1892.

PUBLISHERS VICK'S MAGAZINE:

Dear Sirs—I want to give a bit of my experience, which may be of use to some of your other readers. An invaluable help for those mothers who strive to keep their children well and fashionably dressed at small expense, is Diamond Dyes. It is through their use that so many children have clothes of the fashionable colors. Little suits, cloaks, etc., are easily made from faded or half-worn clothes, and when colored with these dyes cannot be told from new.

"It's easy to dye with Diamond Dyes," is a familiar saying in thousands of homes. They are the great money savers of the age, and never fail to give satisfaction when the simple directions are followed.

Another thing I'll mention: Few people realize the amount of money saved by black dye. It will color over almost any shade, and makes the last wear of a good dress, cloak or suit fully as useful and handsome as the first. I can conscientiously say the simplest and most reliable black dyes are Diamond Dye Fast Black for Wool, Fast Stocking Black (for cotton), and Fast Black for Silk and Feathers. Any one can use them.

I have found, too, that goods dyed with Diamond Dyes can be washed with soap when necessary. The Blacks, Browns, Blues, and all the special cotton colors, are brightened and improved by washing in soapsuds after dyeing. Of course, when delicate colors, like purple, violet, and green, have to be washed, the dyes should be weak and lukewarm. Nothing equals them for fastness and durable colors.

Old fashioned dye-stuffs and crude imitations of Diamond Dyes should, I think, be avoided, as they lead to trouble and disappointment. Prudent people prefer to do their dyeing with Diamond Dyes rather than be to the trouble and expense of sending to a dyer.

MRS. H. W. D.

**PRICE** We Sell DIRECT to FAMILIES  
**\$180** PIANOS ORGANS  
\$150 to \$1500 \$85 to \$500.  
**Absolutely Perfect!**  
Sent for trial in your own home before you buy. Local Agents must sell inferior instruments or charge double what we ask. Catalogue free.  
**MARSH & SMITH PIANO CO.,**  
255 East 21st St., N.Y.

**HIGHAM**  
BAND INSTRUMENTS  
Cost no more than other high grades, but are  
**INCOMPARABLY SUPERIOR.**

If you want the best you must have the Higham. We gladly send them on trial in competition. Used by the British Army and the world's leading bands everywhere. Send for free illustrated HIGHAM CATALOGUE. Also the Campaign edition of our General Band Catalogue, containing everything used by bands, and illustrated by 400 superb engravings, will be sent free upon request. **LYON & HEALY, 150 to 160 State St., Chicago.**

IT STANDS AT THE HEAD.  
The Caligraph Typewriter.



Why "It stands at the head"—Easiest, steady, and least key depression. Level keyboard. Separate key for each character. No "Shift". Prints on flat surface instead of round. Most perfect paper carriage. Moves steadily. No oscillation in rapid work. Also in use by the Associated and Union Press, the Western Union and Postal Telegraph Cos.

Manufactured by the American Writing Machine Co., Hartford, Conn. Offices—New York, 237 Broadway; Philadelphia, 612 Chestnut St.; Cincinnati, 14 West Fourth St.

**V. M. BURLEY, Agent,**  
532-536 Powers Block,  
Rochester, N. Y.

Beware of Ointments for Catarrh that Contain Mercury,

as mercury will surely destroy the sense of smell and completely derange the whole system when entering it through the mucous surfaces. Such articles should never be used except on prescriptions from reputable physicians, as the damage they will do is ten fold to the good you can possibly derive from them. Hall's Catarrh Cure, manufactured by F. J. Cheney & Co., Toledo, O., contains no mercury, and is taken internally, acting directly upon the blood and mucous surfaces of the system. In buying Hall's Catarrh Cure be sure you get the genuine. It is taken internally, and made in Toledo, Ohio, by F. J. Cheney & Co. Testimonials free.  
Sold by druggists, price 75c. per bottle.

The Last Rose of Summer.

"No flower of her kindred,  
"No rosebud is nigh,  
To reflect back her blushes,  
Or give sigh for sigh."

—Tom Moore.

"It never rains roses: when we want—  
To have more roses we must plant more trees."

—George Eliot.

Consumption Surely Cured.

TO THE EDITOR—Please inform your readers that I have a positive remedy for the above named disease. By its timely use thousands of hopeless cases have been permanently cured. I shall be glad to send two bottles of my remedy free to any one of your readers who have consumption if they will send me their express and post office address. Respectfully, **T. A. Slocum, M.C.,** No. 181 Pearl Street, New York.

GUNS REVOLVERS, DICKE, SPORTING GOODS  
CATALOGUE FREE. HENRY & CO., No. 21, Box 2, CHICAGO, ILL.

CUT THIS OUT and send with your name and express office address and we will send you free to examine and wear, a SOLID GOLD finished watch that you can sell for Ten Dollars. If it suits, you send us Four Dollars and express charges; if not, return it to me. Mention whether Ladies' or Gents' size is desired.  
**W. S. SIMPSON, 37 College Place, N. Y.**

**A BIG OFFER**  
50c. MADE IN A MINUTE! If you will hang up in the P. O., or some public place, the two show bills that we send, we will give you a 50c. cert., and send it in advance with samples and bills. This will trouble you about one minute, and then if you want to work on salary at \$50 or \$100 per month, let us know. We pay in advance.  
**GIANT OXIE CO 103 Willow St., Augusta, Me.**

**MOTH PROOF BAG.**  
No paste or glue necessary. Garments can be removed and replaced instantly, and have no bad odor when taken out to use.  
Air-tight and perfectly proof against Moth and Dust. Durable, and can be used year after year.  
SIZES:  
24x48 in. when closed, price, 50 cts. each.  
30x48 in. when closed, price, 60 cts. each.  
(PATENTED.)  
Expressed to any address on receipt of price. When ordering send Postal Note or Registered Letter. TRADE SUPPLIED.  
**DETROIT PAPER BAG CO.**  
88 Larned Street West, Detroit, Mich.

**ORGANS ONLY \$35 & PIANOS ONLY \$175**  
AND UPWARDS  
Direct from the factory at less than wholesale prices, from one of the most reliable manufacturers in the world.  
SHIPPED ANYWHERE ON 15 DAYS' TEST TRIAL  
SOLD ON THE INSTALMENT PLAN  
UNLIMITED WARRANTY WITH EACH INSTRUMENT.  
As an advertisement, the first instrument sold in a new locality will be sold at a reduced price. Order or write at once so as to avail yourself of this great offer.  
Our instruments contain all modern improvements, and we guarantee to give more true value for the money than any manufacturer in the world.  
Elegant new catalogue, with fac-simile awards given us. Full of valuable information. Sent free on application.  
Address **BEETHOVEN ORGAN CO., WASHINGTON, WARREN CO., N.J.**



Kensington Crochet Twist

All colors. Ask for it, or send 10 cts. for large ball. Agents wanted.

**C. G. HUBERT, 85 Walker St., N. Y.**

When writing to advertisers, mention Vick's Magazine.

**FAT FOLKS**  
Using "Anti-Corpulenc Pills" lose 15 lbs. 8 month. They cause no sickness, contain no poison and never fail. Sold by Druggists everywhere or sent by mail. Particulars (sealed) 4c. **WILCOX SPECIFIC CO., Phila., Pa.**

**20% SAVED in buying a BICYCLE.**  
We have no agents, but sell direct to riders and save them agent's discounts. Standard makes. Full guarantees. Send 6c. in stamps for catalogue & particulars—20 styles cushion & pneumatics.  
**DIRECT DEALING CYCLE CO.,**  
Box 592, Baltimore, Md.

**ACME CORSET & DRESS PROJECTOR**  
A complete garment, worn under the corset or flannels, protecting the clothing from perspiration. Cheaper than dress shields, one pair doing the work of six. Misses', bust measure 28-33, \$2.90 Ladies', bust measure 34-39, 1.00 Ladies', bust measure 40-46, 1.25  
**AGENTS WANTED.** **J. DEWEY, Manufacturer, 1897 WEST MONROE ST., CHICAGO.** Send money by Post Office Order. Catalogue Free.

**FRUIT EVAPORATOR**  
THE ZIMMERMAN  
The Standard Machine  
Different sizes and prices. Illustrated Catalogue free.  
**THE BLYMYER IRON WORKS CO., Cincinnati, O.**

**10 DAYS FREE TRIAL**  
In your own home. First-class Sewing Machines at wholesale prices.  
\$35 Standard Singer Machine for \$9.50  
\$45 " " " " \$15.50  
\$65 Arlington " " \$19.50  
All latest improvements, light running. Warranted 5 years. Complete set of attachments FREE. Send for catalogue.  
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**DROPSY TREATED FREE.**  
Positively CURED with Vegetable Remedies. Have cured many thousand cases called hopeless. From first dose symptoms rapidly disappear, and in ten days at least two-thirds of all symptoms are removed. BOOK of testimonials of miraculous cures sent FREE. 10 DAYS TREATMENT FREE by mail. **Dr. H. H. GREEN & SONS, Specialists, ATLANTA, GA.**

**MY WIFE SAYS SHE CANNOT SEE HOW YOU DO IT FOR THE MONEY.**  
Buys a \$65.00 Improved Oxford Singer \$12 Sewing Machine; perfect working reliable, finely finished, adapted to light and heavy work, with a complete set of the latest improved attachments free. Each machine guaranteed for 5 years. Buy direct from our factory, and save dealers and agents profit. Send for FREE CATALOGUE.  
**OXFORD MFG. COMPANY, DEPT 40 CHICAGO, ILL.**

Have you CONSUMPTION? Catarrh? Bronchitis? Asthma?

All Diseases of Nose, Throat and Lungs (except last stages of Consumption) surely cured by the New Andral-Bracon Discovery. Not a Drug, but a New Scientific Method of Home Treatment. Cures Guaranteed. Sent FREE to all who apply. Try it FREE and pay if satisfied. State age and particulars of disease. Address **NEW MEDICAL ADVANCE, 62 E. 4th St., Cincinnati, O.**

**RIPANS TABULES** regulate the stomach, liver and bowels, purify the blood, are safe and effectual: the best general family medicine known for biliousness, constipation, dyspepsia, foul breath, headache, heartburn, loss of appetite, mental depression, painful digestion, pimples, sallow complexion, tired feeling, and every symptom or disease resulting from impure blood, or a failure by the stomach, liver or intestines to perform their proper functions. Persons given to over-eating are benefited by taking one after each meal. Price, by mail, 1 gross \$2; 1 bottle 15c. Address **RIPANS CHEMICAL CO., 10 Spruce St., New York.**  
Agents Wanted; EIGHTY per cent profit.

**Folding Bath Tub.**

Among the portable bath tubs offered on the market the Mosely folding bath tub stands at the front, as it is thoroughly practical and complete, and has a satisfactory heating efficiency. In this latter point several others have failed. With particular reference to city trade the Mosely tub is fitted with a neat toilet cabinet in place of a heater, for use and sale where water connections are available, this tub being complete and ready for attaching of faucets or for making connections with such piping as the plumber may be called upon to put in.

**A CHANCE TO MAKE MONEY.**

I have berries, peaches and tomatoes, fresh as when picked. I use the California Cold Process; do not heat or seal the fruit; just put it up cold; keeps perfectly fresh, and costs only about a cent a quart; can put up a bushel in ten minutes. Last week we sold directions to over 100 families; anyone will pay a dollar when they see the beautiful samples. As there are many people poor like myself, I feel it my duty to give them my experience, and believe any person can make one or two hundred dollars, round home, in a few days. I will mail samples of berries and cherries, and complete directions to anyone, for 36 two cent stamps, which is actual cost of samples, postage, advertising, etc.

Miss JENNIE MAYWOOD,  
Lock Box 935, Zanesville, Ohio.

**PLEASANT WORK FOR WOMEN.**

(The following letter is from *The Christian Index*, and is inserted here in the hope that it may help some of the lady readers of VICK'S MAGAZINE to profitable employment.)

MR. EDITOR:—I saw an advertisement that The Cactus Company, of El Paso, Texas, wanted a few ladies to do writing, etc., for them at home, and sent for particulars. I have been so well pleased with the work that I wish to advise others in want of employment to give it a trial. The novelty of the business enables me to make money real fast, while the work does not interfere with my household duties. Full particulars can be had for a 2-cent stamp, and I am sure those who write will thank me for calling attention to the matter. The address is "The Cactus Company, El Paso, Texas."

Respectfully,

MRS. JANE WILCOX.

**YOUR NAME** on 25 Lovely Cards, 1 Ring, 1 New Fountain Pen, 1 Scarf Pin, 1 Watch Chain, 1 Cuff Button, 1 Cuff Buttons, and our new POPULAR MONTHLY 8 mos., all for 10c. & 2c. for postage. CLINTON BROS., CLINTONVILLE, CONN.

**A Beautiful New Monthly,**

By subscription, \$1.50 per year, all bright, popular and copyright Classical and Standard Melodies.

**"OUR MONTHLY MUSICAL GEM,"**

The handsomest Musical Monthly ever issued in America. Contains 3 compositions (all copyright); 4 instrumental and 4 vocal, with piano accompaniments; 32 pages of music on excellent paper, with engraved title cover, lithographed in colors and embellished by crayon likeness of Adeline Patti in vignette.

Enclose 15 cents for a specimen copy. Liberal terms to Agents.

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Publisher, 385 6th Ave., New York.

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Mailed to any address for 2-cent stamp—half the postage.

**T. W. JONES, Manufacturer,**  
170 AND 172 FRONT STREET, NEW YORK.

**EVERY LADY**

Who sends us 25 CENTS for postage, etc., and the names and addresses of ten lady friends who love to read, will receive **THE YOUNG LADIES' BAZAR**, a large 16-page monthly full of Beautiful Pictures, Charming Stories, Fashion Notes, Household Doings and Fancy Work, etc. **ONE YEAR FREE.** Only new subscribers are entitled to this offer, and we only make it because we want 50,000 New Subscribers. Same size as \$3 story and fashion papers. Send at once as this is the best, cheapest and prettiest **FAMILY & FASHION JOURNAL** published. For 5 cents extra (30 cents in all) we will send you postpaid **OUR NEW ELEGANT FASHION CATALOGUE** of Paper Patterns containing 40 pages and 1800 illustrations of over 650 different styles of ladies', misses' and children's garments, amount of material necessary to make same, how to make money in dressmaking, etc. Every housewife and dressmaker who has used this reliable fashion book is delighted with it. Address **YOUNG LADIES' BAZAR**, 230 La Salle Street, Chicago, Ill. Mention this paper.

**FREE** trial of Dr. Judd's Electric Belts and Batteries combined. Electric Trusses sent to any one on trial, free. Costs nothing to try them. Electricity will cure you. Give waist measure. Address DR. JUDD, DETROIT, MICH. Agents wanted.

**CARDS**

WE LEAD IN LATEST STYLES AT LOWEST PRICES. PANS, BASKETS, LACE EDGE CARDS, Etc. SAM PIERCE, CLINTON BROS., CLINTONVILLE, CONN.

**EYES**

tested free by mail. New method. Send stamp for test card, KEENE OPT. CO., 1501 Washington St., Boston, Mass.

**Deer Park and Oakland,**

ON THE CREST OF THE ALLEGHANIES,

3,000 FEET ABOVE TIDE-WATER.

**SEASON OPENS JUNE 22, 1892.**

These famous mountain resorts, situated at the summit of the Alleghanies, and directly upon the main line of the Baltimore and Ohio Railroad, have the advantage of its splendid vestibuled express train service both east and west, and are therefore readily accessible from all parts of the country. All Baltimore and Ohio trains stop at Deer Park and Oakland during the season.

Electric lights have been introduced throughout the houses and grounds; Turkish and Russian baths and large swimming pools provided for ladies and gentlemen, suitable grounds for lawn tennis; bowling alleys and billiard rooms are here; fine riding and driving horses, carriages, mountain wagons, tallyho coaches, etc., are kept for hire; in short, all the necessary adjuncts for the comfort, health or pleasure of patrons.

Rates \$60, \$75 and \$90 a month, according to location.

All communications should be addressed to **GEORGE D. DeSHIELDS, Manager** Baltimore and Ohio Hotels, Cumberland, Md., up to June 10, after that date either Deer Park or Oakland, Garrett County, Md.

Mention Vick's Magazine.

**"LATEST AND BEST" THE MARVEL OF TO-DAY THE COLUMBIAN FOR**

**\$5.00 PER MONTH \$50. AND SAVE \$50. CORNISH'S WORLD'S FAIR SPECIAL OFFER**

IN ORDER TO INTRODUCE our latest invented Parlor Organ into new localities, we have decided to offer the first 5,000 manufactured, for sale on the above terms. This is by far the best offer ever made by us or any other reputable firm of manufacturers in the world. No other firm in existence would take the enormous risk involved in selling five thousand costly organs on such terms. But after twenty-five years' experience, we know that we are sold with the people; and we make this wonderful offer knowing that we can sell every one of the first 5,000 COLUMBIANS almost as soon as this announcement is made public. Bear in mind that the above terms apply to the **FIRST FIVE THOUSAND ONLY.**

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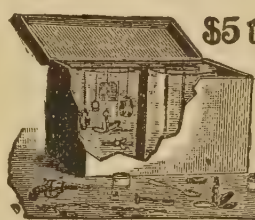
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**Pansies for Thoughts.**

"They are all in the lily bed, cuddled close together, Purple, yellow-cap, and little baby-blue; How they ever got there you must ask of the April weather, The morning and the evening winds, the sunshine and the dew." —*Nellie M. Hutchinson.*

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Rose Song.

[Translated by John Bull into Broken German.]

It vhas summer alone  
The rose vhas bloomin' the last one,  
All the odder roses had done blooming already,  
Their fragrance vhas all gone.  
I'll not leave this last rose-bud,  
I'll scatter it round;  
All its beautiful petals  
I'll strew on the ground.  
So with me when I'm done bloomin',  
When my fragrance vhas all gone,  
Don't leaf me to blossom,  
Togedder by myself all alone.

Squire Kate's Roses.

"There grew two roses in the light,  
Hey the wind and the weather;  
And one was red and one was white,  
And they shone in the sun together.  
"Cold and chill the east wind blew,  
Hey the wind and the weather;  
And the roses drooped in the rain and dew,  
And saddened both together.  
"The red rose wept with a bitter pain,  
Hey the wind and the weather;  
And there came a storm which tore in twain  
The roses that grew together.  
"Sunlight comes when the storm has fled,  
Hey the wind and the weather;  
The white's still white and the red's still red,  
And they bloom in the sun together."

—Old Song.



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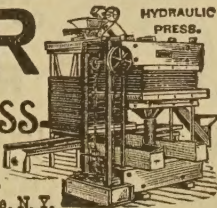
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 On steep or flat surface. Excellent roof complete  
**\$2.00** Per 100 square feet. **\$2.00**  
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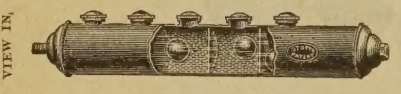
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**PAINT**  
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 WRITE AT ONCE FOR COLOR CARD.  
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**A Bunch of Roses.**  
 The rosy mouth and rosy toe  
 Of little baby brother,  
 Until about a month ago  
 Had never met each other;  
 But nowadays the neighbors, sweet,  
 In every sort of weather,  
 Half way with rosy fingers meet,  
 To kiss and play together.  
 —Harper's Young People.

**The Joy of Heaven.**  
 "O, rose! the sweetest blossom,  
 Of spring the fairest flower,  
 O, rose! the joy of heaven.  
 The god of love, with roses  
 His yellow locks adorning,  
 Dances with the hours and graces."  
 —Percival.

**STOTT'S**



VIEW IN SECTION.  
 Diameter 4 inches; Length 30 inches.


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 FOR AUTOMATICALLY MIXING INSECTICIDE—WILL PERFECTLY MIX ANY SOAP COMPOUND AND AMMONIA. PLACE THE INSECTICIDE OR CRYSTAL AMMONIA IN THE CELLS AND TURN ON THE WATER. WILL WORK WITH ANY FORCE PUMP ENGINE. SAVES MIXING, TIME AND MONEY.

**KILLMRIGHT,**  
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 SEND TEN CENTS FOR SAMPLES.

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GIVE A SPRAY RESEMBLING MIST, AND FOR INSECTICIDE PURPOSES ARE PERFECT, ENABLING THE OPERATOR NOT ONLY TO GET UNDER THE LEAVES, BUT TO SPRAY EVERY PART OF THE PLANTS IN THE MOST PERFECT MANNER.



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 TO  
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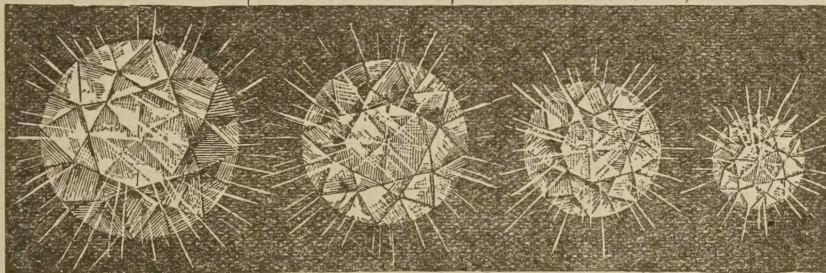
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weight 194 carats.  
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cut a swell.  
Owned by ???



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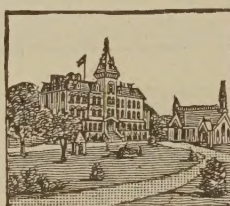
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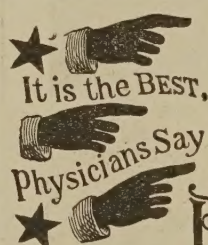
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